

HERMETICALLY SEALED DATA STORAGE DEVICE

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Abstract of the Disclosure

A hermetically sealed housing such as for use in a data storage device. The housing is formed from a pair of opposing, substantially planar first and second housing members. A gasket seal is compressed between the housing members to form a hermetic seal. A compression limit spacer limits the compression of the gasket seal to a predetermined compression level. Preferably, the gasket seal is nested within and is contactingly supported by the compression limit spacer. A plurality of fasteners secure the first and second housing members and apply a compressive force to the gasket seal. The compression limit spacer preferably comprises a plurality of discrete, spaced apart bosses through which the plurality of fasteners extend. The gasket seal preferably has a hexagonal or a c-shaped cross-sectional shape. An inert fluidic atmosphere is preferably retained within the housing.

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